JAN 0 7 2003

**DOCKET NO.: UPN-3617/J1546** 

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In Re Application of: David C. Alsop Serial No.: 09/673,049 Filing Date: October 10, 2000 |  | Confirmation No.: 7690  Group Art Unit: 3737  Examiner: Jeoyuh Lin         |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| For:  | MULTI-SLICE CEREBRAL BLO<br>CONTINUOUS ARTERIAL SPIN                           | OD FLOW IMAGING WITH   |  |  |  |  |  |  |
|   |  | EXPRESS MAIL LABEL NO: EL 827225083 US<br>DATE OF DEPOSIT: January 7, 2003 |  |  |  |  |  |  |
|   |  | EL827225083US  |  |  |  |  |  |  |
| Box   | ⊠ NON-FEE<br>□ AF  |  |  |  |  |  |  |  |
| Assistant Commissioner for Patents<br>Washington DC 20231                                 |  | RECEIVED JAN 0 9 2003  |  |  |  |  |  |  |
| Sir:  | REPLY TRANS  | JAN U 3 2003  TECHNOLOGY CENTER R3700  SMITTAL LETTER                      |  |  |  |  |  |  |
|   | Transmitted herewith for filing in the above-identified patent application is: |  |  |  |  |  |  |  |
|   | A Preliminary Amendment.   |  |  |  |  |  |  |  |
| $\boxtimes$   | An Amendment Responsive to the Office Action Dated October 7, 2002.            |  |  |  |  |  |  |  |
|   | An Amendment Supplemental to the Paper filed.                                  |  |  |  |  |  |  |  |
|   | Other: .   |  |  |  |  |  |  |  |
|   | Applicant(s) has previously claimed small entity status under 37 CFR § 1.27.   |  |  |  |  |  |  |  |
|   | Applicant(s) by its/their undersigne CFR § 1.27 as:                            | d attorney, claims small entity status under 37                            |  |  |  |  |  |  |
|   | an Independent Inventor  |  |  |  |  |  |  |  |

| DOC | KET NO.: UPN-3617/J1546 - 2 -  | ATENT       |
|-----|--|-------------|
|     | a Small Business Concern   |             |
|     | a Nonprofit Organization   |             |
|     | This application is no longer entitled to small entity status. It is requested t noted in the files of the U.S. Patent and Trademark Office. | hat this be |
|     | Loss of Entitlement Enclosed   |             |
|     | Substitute Pages of the Specification are enclosed.  |             |
|     | An Abstract is enclosed.   |             |
|     | Sheets of Proposed Corrected Drawings are enclosed.  |             |
|     | A Certified Copy of each of the following applications: is enclosed.   |             |
|     | An Associate Power of Attorney is enclosed.  |             |
|     | Information Disclosure Statement.  |             |
|     | Attached Form 1449.  |             |
|     | A copy of each reference as listed on the attached Form PTO-1449 i herewith.   | s enclosed  |
|     | Appended Material as follows: .  |             |
|     | Other Material as follows:   |             |

**a** . . . . . .

**DOCKET NO.: UPN-3617/J1546** - 3 - **PATENT** 

## FEE CALCULATION

No Additional Fee is Due.

|                                |   |                               |       | SMALL ENTITY |              | NOT SMALL ENTITY |          |  |  |  |
|--------------------------------|---|-------------------------------|-------|--------------|--------------|------------------|----------|--|--|--|
|                                | REMAINING<br>AFTER<br>AMENDMENT   | HIGHEST<br>PAID FOR           | EXTRA | RATE         | FEE          | RATE             | FEE      |  |  |  |
| TOTAL<br>CLAIMS                | 19  | 20                            | 0     | \$9<br>EACH  | \$           | \$18 EACH        | \$0      |  |  |  |
| INDEP.<br>CLAIMS               | 3   | 3                             | 0     | \$42<br>EACH | \$           | \$84 EACH        | \$0      |  |  |  |
| FIRST PRES                     | FIRST PRESENTATION OF MULTIPLE DEPENDENT  |                               |       | \$140        | \$           | \$280            | \$       |  |  |  |
| ONE MO                         | ONTH EXTENSIO   | N OF TIME                     |       | \$55         | \$           | \$110            | \$       |  |  |  |
| ☐ TWO M                        | \$205   | \$                            | \$410 | \$           |              |                  |          |  |  |  |
| THREE                          | MONTH EXTENS  | ION OF TIME                   |       | \$465        | \$           | \$930            | \$       |  |  |  |
| ☐ FOUR MONTH EXTENSION OF TIME |   |                               |       | \$725        | \$           | \$1450           | \$       |  |  |  |
| ☐ FIVE M                       | ONTH EXTENSIO   | N OF TIME                     |       | \$985        | \$           | \$1970           | \$       |  |  |  |
|                                | NY EXTENSION F  |                               | PAID  | minus        | (\$)         | minus            | (\$ )    |  |  |  |
| ☐ TERMINAL DISCLAIMER          |   |                               |       | \$55         | \$           | \$110            | \$       |  |  |  |
| OTHER                          | FEE OR SURCHA   | RGE AS FOLL                   | OWS:  |              |              |                  |          |  |  |  |
|                                | TOTAL FE  | EE DUE                        |       |              | \$           |                  | \$0      |  |  |  |
|                                | A check in the amount of \$\00\$ is attached. Please charge any deficiency or credit any overpayment to Deposit Account 23-3050.  Petition is hereby made under 37 CFR \ 1.136(a) (fees: 37 CFR \ 1.17(a)(1)-(4) to extend the time for response to the Office Action of to and through comprising an extension of the shortened statutory period of month(s).  |                               |       |              |              |                  |          |  |  |  |
|                                | The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account 23-3050. This sheet is provided in duplicate. |                               |       |              |              |                  |          |  |  |  |
|                                | The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3050. This sheet is provided in duplicate.   |                               |       |              |              |                  |          |  |  |  |
|                                | The foregoing amount due for filing this paper.   |                               |       |              |              |                  |          |  |  |  |
|                                |   | tional filing fedder 37 CFR § | _     | ncluding f   | Gees for the | presentation of  | of extra |  |  |  |

Any additional patent application processing fees under 37 CFR § 1.17 or 1.20(d).

SHOULD ANY DEFICIENCIES APPEAR with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the U.S. Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

Date: January 7, 2003

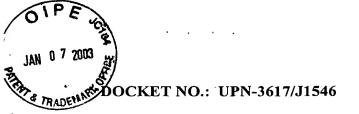
Jos#ph R. Condo

Registration No. 42,431

Woodcock Washburn LLP One Liberty Place - 46th Floor Philadelphia PA 19103

Telephone: (215) 568-3100 Facsimile: (215) 568-3439

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**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

David C. Alsop

Serial No.: 09/673,049

Filing Date: October 10, 2002

Confirmation No.: 7690

**Group Art Unit: 3737** 

Examiner: Jeoyuh Lin

For: Multi-Slice Cerebral Blood Flow Imaging With Continuous Arterial Spin

Labeling MRI

EXPRESS MAIL LABEL NO.: EL 827225083 US

DATE OF DEPOSIT: January 7, 2003

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TECHNOLOGY CENTER R3700

**Assistant Commissioner for Patents** Washington DC 20231

Sir:

## REPLY PURSUANT TO 37 CFR § 1.111

This is in response to the Official Action dated October 07, 2002, issued in connection with the above-identified application. Reconsideration is respectfully requested in view of the following.